MOVING?

To be sure of receiving every issue of your Journal, notify the publisher 60 days in advance. Supply: your old address; your new address; and the name of the journal to which you subscribe.

Journals sent to your former address will be destroyed unless you notify your postmaster that you will pay the forwarding postage.

You can replace missing journals only by purchasing duplicates from the publisher—at the regular price of single issues and our stock of overcopies may be exhausted by that time.

So - well before moving day - notify:

The Williams & Wilkins Co.

Mt. Royal and Guilford Aves. Baltimore 2, Maryland

BBL

PEPTONES

Gelysate

Lactalysate

Milk Protein Hydrolysate

Myosate

Phytone

Polypeptone

Thiotone

Trypticase

Reprint Sent on Request

Baltimore Biological Laboratory

INCORPORATED

1640 Gorsuch Ave.

Baltimore 18, Md.

UNIQUE AND REFRESHING APPROACH TO THE PROBLEMS OF THE BACTERIOLOGIST

BASIC BACTERIOLOGY

Its Biological and Chemical Background

By Carl Lamanna, Ph.D., Associate Professor of Bacteriology, and M. Frank Mallette, Ph.D., Associate Professor of Biochemistry, both in the Johns Hopkins University School of Hygiene and Public Health

Clear presentation—from the point of view of the interests and needs of the bacteriologist—of the nature of the cytological, morphological, taxonomic, physiological and biochemical problems that confront every bacteriologist.

Gives you clear and fascinating explanations of bacteriological phenomena.

Unique among textbooks of bacteriology because it includes full and up-to-date discussions of such important topics as: gram reaction, acid-fast stain, metabolism, genotype variations, oxidative assimilation and endogenous catabolism, photosynthesis, bound water concept, etc.

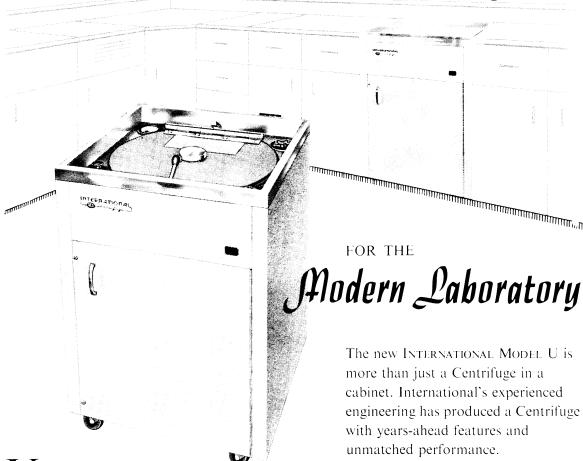
680 pp. 100 figs. \$10.00

THE WILLIAMS & WILKINS COMPANY

Mt. Royal and Guilford Aves.

Baltimore 2, Maryland

A New International Centrifuge



You will want to know more about the new aerodynamic guard bowl ventilating system—the new stainless steel interior — the stainless steel auxiliary cover that saves valuable bench space — the electric tachometer — the electric time clock — the unique air-filtering system—the spring-loaded hinge — the new vibration dampening system which results in smooth

operation without the "shaker" action of over-flexible mountings—the versatility of 84 interchangeable accessory combinations.

Let us tell you more about this completely new Centrifuge, handsomely designed to fit in with your wall counters and cabinets. Write for Bulletin J explaining all these features in detail.

INTERNATIONAL EQUIPMENT COMPANY

1284 SOLDIERS FIELD ROAD, BOSTON 35, MASS.



PPLO

ISOLATION and CULTIVATION

The increasing interest in Pleuropneumonia-Like Organisms as infectious agents has necessitated the development of suitable media for their rapid isolation and cultivation. Pleuropneumonia-Like Organisms can now be cultured easily in media prepared from Bacto-PPLO Agar enriched with Bacto-PPLO Serum Fraction and in Bacto-PPLO Enrichment Broth containing Bacto-Ascitic Fluid.

BACTO-PPLO AGAR

is an especially prepared solid medium containing the essential factors from meat infusion required by the *Pleuropneumonia-Like Organisms*. This medium, enriched with Bacto-PPLO Serum Fraction, will support abundant growth of all PPLO strains.

BACTO-PPLO ENRICHMENT BROTH

containing Bacto-Ascitic Fluid is a selective medium for the isolation and cultivation of P P L O from specimens contaminated with commensal organisms. This medium will support growth of all P P L O strains and effectively suppress the growth of most contaminating bacterial flora.

BACTO-PPLO SERUM FRACTION

contains the growth accessory factors required by all strains of the PPLO and is used as an enrichment in Bacto-PPLO Agar.

BACTO-ASCITIC FLUID

is a sterile, bile-free ascitic fluid specially prepared for enriching culture media used in the cultivation of the $P\ P\ L\ O$ group and other fastidious microorganisms.

THE DIFCO MANUAL, NINTH EDITION, including descriptions of these media and their use, is available on request.

DIFCO LABORATORIES

DETROIT 1, MICHIGAN